

In the Specification:

On page 1, line 1, delete the title "Process for the production of 1,2-dichloroethane by direct chlorination" and insert the following title and heading:

--METHOD FOR PRODUCING 1,2-DICHLOROETHANE BY DIRECT CHLORINATION
BACKGROUND OF THE INVENTION--.

On page 3, above paragraph [0005], insert the following heading:

--SUMMARY OF THE INVENTION--;

and replace original paragraph [0006], on lines 6-14, with the following amended paragraph:

[0006] ~~This aim is achieved by the process according to patent claim 1.~~ The invention achieves can achieve the aim as follows:

- A gas stream with chlorine as the main constituent is dissolved in part of the reaction fluid, which is essentially free of dissolved ethylene [[.]] ,
- The the gaseous constituents which have not been dissolved in this solution are removed from the solution by means of a centrifugal gas separator as device for gas separation and
- the solution, which has been freed from non-dissolved gas constituents, is then brought into contact with solute ethylene supplied for this purpose.

On page 5, between paragraphs [0017] and [0018], insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--;

and on page 5, between paragraphs [0018] and [0019], insert the following heading:

--DESCRIPTION OF THE PREFERRED EMBODIMENT--.